DOCKET NO.: RFMI01-00213 CUSTOMER NO.: 23990

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: : Darrell Lee Ash

Application No. : 09/801,411

Filed March 8, 2001

LOW PHASE NOISE, WIDE TUNE RANGE SAW OSCILLATORS AND METHODS OF OPERATING THE SAME

SAIV

Examiner : Arnold M. Kinkead

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Group No.

## **CERTIFICATE OF MAILING BY EXPRESS MAIL**

The undersigned hereby certifies that the following documents:

2817

- 1) Part B Issue Fee Transmittal (in duplicate);
- 2) Check in the amount of \$1,730.00 for issue fee (\$1,400.00), Publication fee (\$300.00) and soft copies of patent (\$30.00);
- 3) Fee Transmittal for FY 2005 (in duplicate);
- 4) Letter to Official Draftsman;
- 5) Seven (7) sheets of replacement drawings; and
- 6) A Postcard receipt

relating to the above application, were deposited as "Express Mail", Label No. EV640159729US with the United States Postal Service, addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May \_\_\_\_\_, 2005.

Date: 14 4, 205

Mailer

Date:

P.O. Drawer 800889

Dallas, Texas 75380 Phone: (972) 628-3600 Fax: (972) 628-3616

E-mail: wmunck@davismunck.com

William A. Munck

Reg. No. 39,308

PTO/SB/17 (12-04)

Approved for use through 07/31/2006. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL For FY 2005  Applicant claims small entity status. See 37 CFR 1.27  TOTAL AMOUNT OF PAYMENT  X Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account, Number: 50-0208 Deposit Account Name: Davis Munck, P.C.  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below Charge fee(s) indicated below Charge fee(s) indicated below Number: 60-0208 Deposit Account Name: Davis Munck, P.C.  Total and 1.17  WARNING: Information on his form may become public. Credit card information should not be included on this form. Provide credit nformation and authorization on PTO-2038.  FEE CALCULATION  BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES Small Entity Fee (\$)	For FY 2005    First Named Inventor   Darrell Lee Ash	FILING FEE ALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEE (S) Fe	Filing Date    March 8, 2001
FOR FY 2005    Applicant claims small entity status. See 37 CFR 1.27   TOTAL AMOUNT OF PAYMENT   (\$) 1,730.00   Attorney Docket No.   RFMI01-00213	For FY 2005    First Named Inventor   Darrell Lee Ash	For FY 2005  First Named Inventor Darrell Lee Ash  Examiner Name Arnold M. Kinkead  Art Unit 2817  Attorney Docket No. RFMI01-00213  METHOD OF PAYMENT (check all that apply)  X Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number. 50-0208 Deposit Account Name: Davis Munck, P.C.  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below Charge fee(s) indicated below, except for X Charge any additional fee(s) or underpayments of fee(s)  WARNING: Information on this form may become public. Credit card information and authorization on PTO-2038.  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  Small Entity Small Entity Application Type Fee (s) Fee (	For FY 2005  First Named Inventor Darrell Lee Ash  Examiner Name Arnold M. Kinkead  Art Unit 2817  TOTAL AMOUNT OF PAYMENT (\$) 1,730.00 Attorney Docket No. RFMI01-00213  METHOD OF PAYMENT (check all that apply)  X Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number: 50-0208 Deposit Account Name: Davis Munck, P.C.  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below Charge fee(s) indicated below, except for X Charge any additional fee(s) or underpayments of fee(s)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit formation and authorization on PTO-2038.  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES Small Entity Small Entity Small Entity
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METHOD OF PAYMENT (\$) 1,730.00    Attorney Docket No.   RFMI01-00213	Art Unit   2817   Attorney Docket No.   RFMI01-00213	METHOD OF PAYMENT (\$) 1,730.00 Attorney Docket No. RFMI01-00213  METHOD OF PAYMENT (check all that apply)  X Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number: 50-0208 Deposit Account Name: Davis Munck, P.C.  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below Charge fee(s) indicated below, except for Improved and authorization on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES  SEARCH FEES  SMAIL Entity  Fee (\$) F	TOTAL AMOUNT OF PAYMENT  (\$) 1,730.00  Attorney Docket No. RFMI01-00213  METHOD OF PAYMENT (check all that apply)  X Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number: 50-0208 Deposit Account Name: Davis Munck, P.C.  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)  Charge fee(s) indicated below Charge fee(s) indicated below, except for I Charge any additional fee(s) or underpayments of fee(s)  WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit formation and authorization on PTO-2038.  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES  FILING FEES SEARCH FEES EXAMINATION FEES  Small Entity Small Entity
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ARRING: Information on this form may become public. Credit card information should not be included on this form. Provide credit information and authorization on PTO-2038.    FEE CALCULATION	Resisue   300   150   500   250   250   200   100   200   250   250   200   300   250	WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit formation and authorization on PTO-2038.    FEE CALCULATION	WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.  FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES EXAMINATION FEES Small Entity Small Entity Small Entity
BASIC FILING, SEARCH, AND EXAMINATION FEES   Small Entity   Fee (\$)   Fee	Total Claims   Fee (\$)	The first color of the first c	FEE CALCULATION  1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES EXAMINATION FEES Small Entity Small Entity Small Entity
BASIC FILING, SEARCH, AND EXAMINATION FEES   SEARCH FEES   Small Entity   Small Entity   Fee (\$)   Fee (	The state of the limit of the	1. BASIC FILING, SEARCH, AND EXAMINATION FEES    Filling FEES   Small Entity   Fee (\$)	BASIC FILING, SEARCH, AND EXAMINATION FEES     FILING FEES SEARCH FEES EXAMINATION FEES     Small Entity Small Entity Small Entity
Application Type	Application Type	Application Type	FILING FEES SEARCH FEES EXAMINATION FEES  Small Entity Small Entity Small Entity
Application Type	Application Type	Application Type	Small Entity Small Entity Small Entity
Utility         300         150         500         250         200         100           Design         200         100         100         50         130         65           Plant         200         100         300         150         160         80           Reissue         300         150         500         250         600         300           Provisional         200         100         0         0         0         0           2. EXCESS CLAIM FEES         Fee Description         Fee Obscription         Fee (\$)           Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent         50           Each claim over 20 or, for Reissues, each independent claim more than in the original patent         200           Multiple dependent claims         360           Total Claims         Fee (\$)         Fee Paid (\$)         Multiple Dependent Claims	Utility 300 150 500 250 200 100  Design 200 100 100 50 130 65  Plant 200 100 300 150 160 80  Reissue 300 150 500 250 600 300  Provisional 200 100 0 0 0 0  EXCESS CLAIM FEES  Fee Description  Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent 50  Each independent claims  Multiple dependent claims  Total Claims  Extra Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  Multiple Dependent Claims  Fee (\$)  Fee Paid (\$)  Fee Paid (\$)  Fee Paid (\$)	Utility       300       150       500       250       200       100         Design       200       100       100       50       130       65         Plant       200       100       300       150       160       80         Reissue       300       150       500       250       600       300         Provisional       200       100       0       0       0       0         2. EXCESS CLAIM FEES       Fee Description         Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent       5	
Design   200   100   100   50   130   65	Design 200 100 100 50 130 65  Plant 200 100 300 150 160 80  Reissue 300 150 500 250 600 300  Provisional 200 100 0 0 0 0  2. EXCESS CLAIM FEES  Fee Description  Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent 50  Each independent claims  Total Claims  Fee (\$) Fee Paid (\$)  HP = highest number of total claims paid for, if greater than 20	Design         200         100         100         50         130         65           Plant         200         100         300         150         160         80           Reissue         300         150         500         250         600         300           Provisional         200         100         0         0         0         0           2. EXCESS CLAIM FEES         Fee Description           Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent         5	
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Name (Print/Type) William A. Munck Date 74

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**DOCKET NO.: RFMI01-00213** 

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

in re Patent Application of:

Darrell Lee Ash

Application No.

09/801,411

Filing Date:

March 8, 2001

Title

LOW PHASE NOISE, WIDE TUNE RANGE SAW

OSCILLATORS AND METHODS OF OPERATING THE

**SAME** 

Group Art Unit

2817

Examiner

Arnold M. Kinkead

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

## **LETTER TO OFFICIAL DRAFTSMAN**

In response to the Notice of Allowance mailed February 4, 2005, Applicant submits seven

(7) sheets of formal drawings (Figures 1-5) in the above-identified patent application.

Respectfully submitted,

DAVIS MUNCK, P.C.

Date: May 4, 2W5

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